

Journal

I

RECORD

35

Capt. Ernst
Ernest von Maack
Chile 2015
Guayaguil

KUOPION MUSEO.

KUOPIO, FINLAND

(KALLE HALLIKAINEN)

1741 RAVENNA AVE

WILMINGTON, CALIF.

Felipe Peredo

B-4-A-1

Manufactured by
U. S. Government Printing Office

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744 a.m. hor. 26-1934
#1. surf. 24.80 air. 70 at 8.00 a.m.
23°59' N. 111°32' W.

#2. surf. 26.80 (5.15 p.m.) air @ 5.25 p.m. 81.9 F.
22.51.30 N. 109.51 W.

#3. Nov. 26.-34 9.15 p.m.
22°23' N.
109 06 W.
Log. 495

#4 1 a.m. Nov. 27.-34
#(4a.) Cut at Sam. hr. 27-34
#5 Nov. 27. 6.39 a.m. Log. 620
Temp. (bucket) 27.00

#6. Nov. 27. 2.45 p.m.
Water Temp (bucket) 25.42.
Air. 98°
105-52 W. 20°12'30 N.
Sog. 724.5

#7. hr. 27. 8.30 p.m.
Sog 802 19°08' N.
105°07' W.

#8. Nov. 28 1 a.m.

#9 Nov. 28 6.45 a.m.
Log. 937. N. 17°19' #
air. 80° water 28° W. 103°40.

#10. Nov. 28. 4.40 p.m. Air. 83°
hute 29° (= 84.2)
Log. 1068.5 N. 15° 32' 50" W. 102° 23' 10"

#11. hr. 29 1 a.m.
14° 09' 30" N. / 101° - 13' W. /

#12 hr. 29. 5 a.m. Air. 81 Sog. 1235
N. 13° 24' W. 100° 44' 30'

#13 hr. 29. 6.25 a.m. Air 80. Sog. 1252
W. 100° 34' 50" Water. 28.18
N. 13° 10' 15"

#14 hr. 29 8.50 a.m. Air. 79 + 80° Sog. 1286
?? hute 26.97° N. 12° 42'
? 27.97 W. 100° 11' 30"

#15 hr. 29 1 p.m. Sog. 27.69
W. 27.60 N. 12° 02'
Sog. 1339.5 W. 99° 32'
27.69
248.40
49.68
32
81.60

#16 Nov. 29 8.55 p.m. WT 29.00
Log. 1445
N. 10 - 38 - 30 W. 98° 35'
W. 98.30

#17. Nov. 30 1 a.m. N. 10° 02'
Log. 1499.5 W. 99° 56' 30"

#18 Nov. 30 6.25 a.m. Log ca. 1575
9° 20' N. 97° 19' W.

#19 Temp. 27.60 10.05 a.m. hr. 30
Log 1643.5 N. 8° 37'
W. 96° 55' 30"

#20 hr. 30 2.30 p.m.
Log 1697 WT. 28.41
N. 8° 05' 30"
W. 96 17 30

#21 hr. 30 8.35 p.m.
Sog 1771 7° 08' N. 95° 33' W

#22. 10.55 p.m. Nov. 30 Log not running
N. 6° 46' W 95° 16'

#23 12.05 a.m. Dec. 1'34
6° - 33' N 95° 06' W

#24 6.20 a.m. Dec. 1'34 W. 26.20 at 6.25
5° - 31' N. 94° - 19' W

#25 Dec. 1 9 a.m. W.T. 26.15 9.05
4° 54' N
93° 45' W

#26 Dec. 1. 2 p.m. W.T. 26.00 at 2.05
N. 4° 05' 30" N. Air 78°
W 93° 07' 30" W

#27 Dec. 1. 4 p.m. N. 3° 48'
W.T. 25.92 (5.10 a.m. later) W 92° 57' 45"

#28 Dec. 2. 1 a.m. Lat. 2° 22' N
Temp. 18.50 Log. 91° 37.30 W

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#31 Dec 2. 6.25 a.m. ^{Temp. taken about 6.30} W.T. 23.70
N. $1^{\circ}26'18''$ = F. 74.66
W. $90^{\circ}59'$ Air. 73°

#28 Dec. 1 5.30 p.m. } me in
#29 Dec. 1 9.00 p.m. } getting
} better
} notes.
} off these for mixed or
} switched my head a comp.

#32 Dec 2. 8 $\frac{30}{a.m.}$ W.T. 22.10
Lat. (71.76 F)
Long.

#33 Dec. 2 9 $\frac{30}{a.m.}$
Lat
+ Long

#34 Dec. 2 10.35 a.m.
off Abingdon.

#35 Dec. 2 11.30 a.m.
bet Abingdon & Bunder

#36. at anchor off Marchena 5.38 p.m.
Dec. 3 W.T. 20.86

#37 W.T. 20.8 5.30 p.m.
Dec. 4

#38 W.T. 19.20 Point. $0^{\circ}53'S$
Dec. 9 1.30 p.m. $91^{\circ}33'W$

#39 Dec. 10. $0^{\circ}09'N$.
W.T. 21.60 $91^{\circ}26'30''W$.

#40 Dec. 13. Anchorage off S. Seyon
west side. T. 20.20. 6.30 a.m.

#41 Dec. 15 bet Charles & Chub.
T. 22.30
8.35 a.m. ~~Lat~~ $1^{\circ}03'WS$ Long. $90^{\circ}10'W$.

#42 Dec. 20 off Hood
 $1^{\circ}23'50'S$ W.T. 21.32.
 $89^{\circ}33'W$ 150 fms.

#43 Dec. 21. enroute Guayaquil
W.T. $20^{\circ}00'$
 $2^{\circ}22'S$ 10 a.m.
 $84^{\circ}27'W$.

#44 Dec. 21, 2.11 p.m.
 $2^{\circ}31'S$
 $83^{\circ}55'W$ W.T. 20.80

#45 Dec. 22, 2.13 a.m.
 $2-59-00 S$
 $81-45-00 W$

#46 Dec. 22 8.20 a.m.
 $3^{\circ}13'35'S$
 $80.22.12 W$ W.T. 23.50

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#47 Jan. 2. ^{4.45 p.m.} W.T. 25.20 { 3.04
80 02

#48 Jan. 2. ^{9.05 p.m.} W.T. 24.10 { 3°31' S.
80.48' W.

#49 Jan. 3, 1⁰⁰ a.m. ~~W.T. 19.58~~ { 4°-09' S
81°29' W.

#50 Jan. 3 5³⁵ a.m. W.T. 19.58 { 5°
81.38 (7.24)

#51 " " 10⁰⁵ a.m. W.T. 19.50 { 6°
81°40'

#52 " " 5³⁰ p.m. W.T. ~~20.32~~ 20.32 { 7°50' S
81°53' 30" W.

#53 " " 9⁰⁰ p.m. { 8°25' S
81.55 W.

#54 Jan. 4. 1⁰⁰ a.m. { 9°19' S
81°52' W

#55 Jan. 4. 4⁵⁰ a.m. { 10°13' 20" S
81-56 W.

Position 7¹⁰ a.m. Lat 10°34'-30 S } for sample
Lon. 81°56'-30 W. } data see lat. black box.

#56 Jan. 4. 11⁴⁵ a.m. L. 10°-46'-30
see the lat Lon. 81°12' 45" W.

#57 Jan. 11 12 midnite 12°56' S
77°08 W

#58 Jan. 12 6.50 a.m.
W.T. 16°05

#59 Jan. 15; 7.15 a.m.
W.T. 15.50

#60 Jan. 15 8 p.m. 13°24' 30" S
77°34' W.

#61 Jan. 15-16 12 midnite 12°40' S
77°05 W.

#62 Jan. 16. 9¹⁰ a.m. 11° S
W.T. 19.00 78°12' W.

#63 Jan. 16 1.40 p.m. 10°03' 30" S
20°60 78°50' W.

#64 Jan. 16. 5⁰⁰ p.m. 9°29' S
W.T. 19.10 79°13' W.

#65 Jan. 16. 9 p.m. 8°43' 30" S
79 40' W.

#66 Jan. 17. 1 a.m. 7°59' 30" S
80°05' W.

#67 Jan. 17 ^{2.15 p.m.} at anchorage
W.T. 18.63 2.15 p.m. Lobos de Afuera

#68 Jan. 17 10 p.m. 5°30' 50 S
81°21' W.

#69 Jan. 17 7.10 p.m. 6°06' 15" S
81°14' 25" W

#70 Jan. 18. 2 a.m. hatch last night cracked little
4°37' S 81°30' 30" W bottom shifted in this a.m.

#71 Jan. 18. 7.20 a.m. 3°27' S
N.T. 20.26 81°21' 50" W.

#72 Jan. 18, 11.15 a.m. 2°47' S
W.T. 23.47 81°17' W.

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#73 Jan. 18. 3 p.m. W.T. 25.30 { $1^{\circ}47'S$
 $80^{\circ}56'W$

#74 Jan 19. 7.25 a.m. W.T. 25.08 {

#75 Jan. 20. 4³⁰ p.m. ^{W.T. 25.48} $0^{\circ}22'S$; $80^{\circ}35'30''W$

#77 Jan. 20 12 mid. $00^{\circ}59'-00''N$.
 $80^{\circ}12'00''W$.

#78 Jan. 21 4 a.m. { $1^{\circ}35'N$
W.T. 26.00 { $79^{\circ}41'W$

#76 Jan. 20 7³⁰ p.m.
~~at anchor~~

#79 Jan. 21. 8.55 a.m. { $2^{\circ}21'-30''N$
W.T. 26.22 { $78^{\circ}56'-30''W$.

#80 Jan. 21. 4.42 p.m.
at anchorage Grogma

#81 Jan. 21. 9 p.m. W.T. 25.90
anchorage Grogma

#82 Jan. 22 7.18 a.m. W.T. 25.81
anchorage Grogma raised head at 5 a.m.

#83 ?? believe the bottles in right place
12 noon 26.15

#84 Jan. 22. 5.50 p.m. W.T. 25.98
anchorage Grogma.

#85 Jan. 22. 10.35 p.m. W.T. 25.70
 $3-58-30N$. $78^{\circ}01-30W$.

#86 Jan. 23 2.05 a.m. W.T. 26.20
 $4^{\circ}-45'N$. $77^{\circ}51'W$

#87 Jan. 25 11.05 p.m. W.T. 27.60
at anchor Port Uria

#88 Jan. 26 9.50 a.m.
anchored Port Uria

#89 Jan. 26 12 noon W.T. 26.75
for Uria + Cupica

#90 Jan. 28, 9.55 a.m. W.T. 25.88
in mid channel north Octavia Rocks +
south of rocky islets off Peninsula.

#91 Jan. 28 11.58 a.m. W.T. 26.12

#92 Jan. 29 5.01 p.m. W.T. 26.21
at anchorage Penas Bay.

#93 Jan. 30 7.10 a.m. { $7-49-07$
W.T. 22.60 { $78-39-08$

#94 Jan. 30 9.27 a.m. { $8-04-45$
W.T. 24.80 { $79-06$

#95 Jan. 30 10.40 { $8-17-15$
W.T. 23.85 { $79-13-45$

#96 Jan. 30 12.40 p.m. { $8^{\circ}40-30$
W.T. 25.60 { $79^{\circ}24-40$

#97 Feb. 3 1.32 p.m. W.T. 18.17
Buoy #9 del. Penas Bay

#98 Feb. 3 7.00 p.m. W.T. 24.55 { $7^{\circ}57'N$.
#99 Feb. 3. 24.35 $7^{\circ}29'N$. $79^{\circ}44'W$ 9.30 p.m. $79^{\circ}43'30''W$

#100 Feb. 3 12 mid. { $7^{\circ}04'-30''N$
W.T. 26.35 { $80^{\circ}-20'-00''W$

#101 Feb. 4 7.33 a.m. { $7^{\circ}45'N$.
 $81^{\circ}43'W$

#102 Feb. 6 8 a.m. 2nd anchorage.
W.T. 27.30 at anchor Seas Id.

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#103 Feb. 7. 7.20 a.m. W.T. 27.41
2nd Anch. Secan Id

#104 Feb. 7 10.32 a.m. { 7° 50' N
W.T. 29.05 { 82° 41' W.

#105 Feb. 7 12 noon {
W.T. 29.29 {

#106 Feb. 7 4.05 p.m. { 8° 25' 45 N
W.T. 28.90 { 83° 43' W.

#107 Feb. 7 8.03 p.m. { 8° 53' N.
W.T. 27.70 { 84° 23' 45 W.

#108 Feb. 7 11.07 p.m. { 9-18-30 N.
W.T. { 85-01 W

#109 Feb. 8 2 a.m. { 9-38-15
{ 85-34

#110 Feb. 8 6 a.m. after { 10°-17 N.
W.T. 27.42 { 86-06 W.

#111 Feb. 8 9.23 a.m. W.T. 21.47
at anchor ~~Salina Bay~~

112 Feb. 10. 9.50 a.m. W.T. 22.28
at Anchor. Salina Bay.

113 Feb. 11 11.33 a.m. { 11-13' N.
W.T. 24.31 { 85° 56' W.

114 Feb. 11. 4.45 p.m. { 11° 54' N.
W.T. 25.93 { 86-49 W

115 Feb. 11 8 p.m. { 12-23-30
W.T. 26.55 { 87-22-00

116 Feb. 11 12 mid mtd { 12-40-15 N.
{ 88-11-W

#117 Feb. 12. 7 a.m. { 13-08-15
25° 33 { 89-38-30

118 Feb. 12 10.47 a.m. { 13-11-N.
W.T. 26.60 { 90-14-W.

119 Feb. 12 1.01 p.m. { 13-35-30 N.
W.T. 27.28 { 90-49 W

120 Feb. 12/ 26.70/2.10 p.m. { 13-41-15
{ 91-01 W

121 Feb. 12. 5.45 p.m. { 13-57-45
26.38 { 91-46-30

122 Feb. 12 10 p.m. { 14° 32' 30' N.
W.T. 26.40 { 92° 31' 45' W.

123 Feb. 13 2 a.m. { 15° 08' N
{ 93 11 30

124 Feb. 13 6.22 a.m. { 15-47-30
W.T. 26.70 { 93-48-15

125 Feb. 13 10.00 a.m. { 15-57
W.T. 26.30 { 94-37

126 Feb. 13 1 p.m. { 15-48-45
W.T. 26.10 { 95-15-45 Q

127 Feb. 13 4.11 p.m. { 15-42 N R
W.T. 26.40 { 96-02 W S

128 Feb. 13 8 p.m. { 15-40 N. T
26.61 { 96-56 W U

129 Feb. 13 11.55 p.m. { 15-49-30 V
Lambur 27.20 { 97-55-30 W

130 Feb. 14 7.18 a.m. { 16-16-30 X
near Sher W.T. 28.00 { 99-16-25

131 Feb. 14 11 a.m. { 16-41 Y
W.T. 28.30 { 100-01-45 W Z

132 Feb. 14 2.09 p.m. { 16-52 N
W.T. 27.00 { 100-38 W

133 Feb. 14 4.06 p.m. { 17-01
27.00 { 100-55-30

134 Feb. 14 8 p.m. { 17° 16'
26° 00' { 101° 32' 30"

135 Feb. 14 12 midnite { 17-35 N
 { 102-19 W

136 Feb. 15 5.10 a.m. { 18-00-30
W.T. 25.50 { 103-21

137 Feb. 15 9.10 a.m. { 18-36
27.20 { 104-08

138 Feb. 15 1 p.m. { 19-10-15
27.25 { 104-46-45

139 Feb. 16 9 a.m. Jenacalita Bay
up lagoon nearly
high tide outside

140 Feb. 16 off beach lagoon 10.05 a.m.
enhance Jenacalita

141 Feb. 16 at anchor Jenacalita Bay
W.T. 26.60 11.10 a.m.

142 Feb. 16 5.48 p.m. { 17-17-30
W.T. 26.70 { 104-58-45

143 Feb. 17 2 p.m. { 19-22-15
W.T. 26.70 { 105-15-00

144 Feb. 17 5.54 p.m. { 19-52-30
W.T. 24.50 { 105-31-40

#145 Feb. 17 8.45 p.m. { 20-21
 { 106-07-20

#146 Feb. 18 1.10 a.m. { 20-52
 { 106-52-40

#147 Feb. 18 8.25 p.m. { 21-43-30
 { 108-09-35

#148 Feb. 18 12 noon { 22-10-30
 { 108-48-30

#149 Feb. 18 4 p.m. { 22-40-10 N.
 { 109-33 W.

#150 Feb. 18 8 p.m. { 23°-01-45
 { 110-12-30

Santa Maria Bay = 18°
Feb. 19. 10.06 a.m. 1938 64.4

Thomson's high deer & sheep. The cattle
feed the large humpies in the valley. The
Anglo-American people the last I found
the deer. He is said to have been
killed who makes a lot of Swedish
Anty on occasion.

The trip over was uneventful. In Kansas City¹
an Edmund Spent with whom I became ac-
quainted on the train (a radio engineer
for R.C.A.) took me in his taxi cab and the
Reardon of Kansas City to his hotel. After
I got a bus for about 20 min. then
trans + 20 bucks. The train laid over
here for about 2 hours. Just before the station
was quite a hill in there was a monument
quite a place, tall pillars for which, they
tell me, arises a cloud of steam each
column illuminated with colored lights. On
the station plaza down in front occurred
that massacre that the Dept. of Justice
has all but cleared up, and caught
killed most of the participants. Other
than that I really got acquainted with
no one. Got Albuquerque for a little
side trip through an Indian village that
Miss McLean recommended. Saw the inside
of a few native homes & their church. Also
learned the Mexicans painted the doors of
their houses blue when they had a marriageable

daughter, + remains were interred by the Catholic Church ²
 come according to the wish. The same day

lands are quite abundant in L.A. side
 I asked about getting my baggage transported
 down, trunk + box the agent asked \$3.00
 Dr. McEwen, Fred + John showed up +
 the first named took me down to the boat,
 baggage + all. Spent the evening at home
 + got most everything packed over. The
 next afternoon had intended going to the
 Univ. to see Miss MacCallister, but Mr. Smith
 called about 11 a.m. + spoke of bringing down
 several newspaper men for an interview
 to expose the Barons publicity plus to
 finding the dead bodies. I gave them quite
 an ear full but the best we got out of
 it was more of the same old stuff with
 a few tail end general remarks + a picture.
 At about four p.m. I had to go to the
 Univ. + I saw the nice exhibit they'd
 made of the Barons material, quite a
 show + later had dinner with Mr. C.
 Callister home with Fred + John + family.

Thursday the 24th Sept ship out 7 a.m. with the
the crew to Hollywood to pick up movie
pictures film. Then to the house to see him & C
while Fred got the letters at the Dick house he
he is living while doing his graduate work.
at 11 went to Dick house where we had
lunch. Then for several hours a hour
of sitting in Sunny Beach, strap hat etc.
arriving on board at 4 p.m. there a lot
of guests were assembled to eat & drink
with the Capt. while I was sent out
to Hick's place for dinner. I didn't
know it at the time but the news reel
people came clamoring around for movie
stuff that evening & when I did learn of
it, it was too late to do anything except
ask one of the South men to show
them what I had taken the year before at
Charles Id. Oh different stuff, yes I don't
if they take it, but if I could I have
given them a story with it, it might
I have gone over big. ??? Thus on

Friday morning Ernie to him is down. He
 turned up & asked me about my picture.
 Gave me. Swett an idea to release it &
 that's all I know. Due to the negative
 stuff over the last several days. There was
 a mass of people & news reporters
 down to see us depart. Took a movie
 of the talkie of Capt. Hancock & myself
 which they will use if they can get some
 other pictures to go with it. In the
 midst of all the excitement Bessie
 Steen ^{phoned} called the girl who went ^{staying}
 in Brazil & had some memories
 there. She had had a headache
 & was at Soma Soda, Calif. recovery
 & was that day at a dentist's office
 in L. A. & called up. She said
 she wants to go back to Brazil in
 February again. Also among old ac-
 quaintances as Ray Stone, now the
 bacteriologist for Los Angeles County
 came aboard just before I left for

on Thursday + S. P. Chase the pollack collector⁽⁹⁾
 who had set us on a mission for Calif. got
 time to time came down on Friday morning
 just before we sailed, so I had to get
 on with him. On the way three red
 a man had been passing him. Sweet the
 guy along + finally threatened to blow
 away. Though they did search the
 ship they didn't find him. + so imagine
 the surprise + shock the Capt. + Mr. Sweet
 had when a stranger should turn up on
 the bridge + say good morning. That
 was Sat. morning just after I went
 down for the 4-6 patch I had sat
 night. Of course they gave him breakfast
 + all meals following. As a ship to land
 a stranger in a foreign port renders
 them liable to a hundred dollar fine. The
 only way to get rid of one is to take
 him back to the country. ~~He~~ he got aboard
 or to transfer him to a vessel returning
 to that country, so we headed for the

Id. where there are some canyons + where ^{the} fishermen often go to make their catch. Last night we raised a bomb off the outside but as we spoke then it proved to be a Mexican fisherman + we could not help us. However, he said there were some American fishermen further south along the shore of the id. so we anchored for the night + night + early next morning located one who said he would take the stoway back for \$50 which the Capt. gladly paid + sent the man away with a couple of blankets. The fishermen were not going back for about 15 days so the stoway will have plenty of experience. He was black haired about 30-35 years old. said he was J. E. Han, II + had come to show their name. It was thought he was a free lance reporter but knew no more. He must have hidderges the anchor chain locker, for when this was examined, there

is a bull's head separately, it is for part 13
 and if we were not careful to look we. he might
 have been overlooked, for he was. becoming
 very like the kid. or exact for speculation
 that is a secret. Sunday I kept quite
 busy arranging things for work, got
 all well ready & thoughtless & gladly
 by several letters I got dated wrong
 should have been Sat. the 24th instead
 of Sunday the 25th. They were turned
 over to the Mexican fish boat & we
 hope will reach home. We've had quite
 a time getting the thermograph rigged
 so that it doesn't rattle too much.
 The Binally Alice hanging in from
 four springs with two belts to take
 up the extra balancing to which it
 seemed subject with just springs
 above. We are still off the coast of
 Lower Calif. & will make Cape
 St. Lucas about 4:30 this p.m.

Monday Nov. 26. When I begin to take a
surface water sample each 4 hrs. for
the Scripps Institution. There with the
thermograph I hope will be of some use
to them. Tuesday at 3 p.m. after
crossing the Gulf of California tonight
will see us in Senacatita bay
where we may stop for a few hrs. here
about that when it happens. Then
thence to the Galapagos in about 4 days
more, to Marchena or Beudoe Id
the first we visit this time. —

Tuesday Nov. 27. A calculation of the time
showed that instead of 3 afternoons it
would be nearer 8 p.m. when we arrived
at Senacatita so no stop will be made
and we go right through to the Galapagos.
Another four days or so of straight running.
Each day we get a little more set for
the work to come. We may after all get
to Juan Fernandez. Perhaps
but Easter Id seems out of the question
this year.

The ladies all wore puntellies or what you¹⁷
 may call them for the stars till yesterday +
 today except Mrs Sweet who is known as
 quaker + wears skirts. Mrs Tilly had
 dark blue blouse + sailor like pants + the
 Morgans a white serge like material + little
 caps or beret white or blue charged with
 meals. Today all but Mrs. Sweet had
 short shorts on as do all of the men.
 One Mrs Morgan blue denim. But to match
 the other white with blue anchors all over
 it, + Mrs. Tilly off a brown, big checked
 gingham (?) all had broad brimmed
 beach or sailor hats of similar or canvas
 material. They wear sandals + paint their
 toe nails a bright red, like finger nails.
 I told them I didn't like it. Mrs. Sweet
 had red + brown checked gingham or
 percal or what you may call it. Gaff
 Mrs. Sweet the dress have no back button
 waist except a big across + a strand around
 the neck to hold the front on. Mrs. Sweet
 is gilly. by the most comest, Mrs Tilly next

The Mrs. Elmer Morgan. She's next to the 19th
 liveliest, while Mrs. Helen Morgan is the
 richest of the party, quite a kiddie, always
 teasing + embarrassing everyone, you
 truly included. She's too many for most
 of us. So far as I know they prepare
 no food was not known. They stayed
 below decks till out of sight of the
 San Angeles headwater. Unless the
 stowaway told they will try to keep it
 out of the papers, so far as possible
 anyway. The temperature was up to
 99 today at about 2³⁰. The meals
 are as before, though we have left shirts
 off with the putting on of shorts we put
 on smelly for meal times, including the
 breakfast & lunch, + just a short spacer
 collar for dinner. We have to hold down the
 water consumption though to ~~200~~ 200 gallons per person
 for all purposes. Yesterday we ran 20 gals
 way the allowed for lunch. A few white
 caps are showing here at 5 p.m. But the morning
 not amount to much. Running with the coast of Mexico.

nothing here since the 26th and not much (21st)
 Nov. 27. Was another warm day, and the
 men went into shorts, as the ladies had yesterday.
 They are all married & have children except
 Mrs. Tilly. Though they (the latter) have been
 married eleven years.

Nov. 28. Saw several large black porpoises
 quite dark above & below. Lvs. 7-8 feet long.
 Highest temperature today 89. The sea is
 getting nice & smooth & ship's motion
 gentle. The H. felt the best yet. The
 like handles ^{more} are less uncomfortable, the whole
 line at sea.

Nov 29. Thundersquaring an ideal day
 all around smooth sea bulging & sloping
 at night moon light. Saw a number
 right of porpoises several hundred
 2 or 3 humped, as all exclaimed
 babies rushing up & down the sea
 at great rate toward the messenger
~~dark~~ The water just boiled where
 they were jumping. Probably feeding or
 chasing a school of fish. This was

about half past three (p.m.) (Lat. $11^{\circ}34'30''$ N, Long. $99^{\circ}14'30''$ W. The babies as compared with
 pupae we'd see the years were small
 not over 3-4 feet long, dark greyish
 lighter below. It may have been a new
 species. The dinner was a nice one
 with a huge turkey as the chief feature.
 Fine raised, Capt. ranch at Santa
 Monica. with drum sticks big around
 as my upper arm + a tender kind too.
 Got my notes written for putting into
 envelopes as Christmas greetings to
 our (Museum) business acquaintances
 as I just need the address envelopes
 I asked Miss McCain to prepare.

Down & out in the Tropics

Clarence Leonard Hayes.

1. So son, you have come to the Tropics
Heard all you had to do
Was to sit in the shade
Of a cocoanut glade,
While the dollars rolled in to you?
2. They gave you that at the Bureau
You got the statistics straight,
But hear what it did to another
Before you decide your fate, kid.
3. You don't go down with a short hand full,
You just sort of shuffle along
And lighten your load
Of the moral code
Till you can't tell the right from the wrong.
4. I started out to be honest
With everything on the square
But a man can't fool with the golden rule,
And a crowd that don't play fair
5. It's a case of riding a dirty race,
Or being an "also ran"
My only hope was to sneak and dope
The horse of the other man.

Given John Reed by travelling company some years ago: an old dangerous
scene is laid out could travel about anywhere in S.A. without passport.

Dec. 2. A day late for these notes because, it
being the third we passed Alvingdon, don't
before note + at about 12 put down the anchor
of the N.W. "Coyne" of Bonduie (Manchana)
Ed. + went ashore collecting while Capt.
+ Mr. Swett went looking for the "bodies"
we had fair luck in spite of a fairly
high tide got 220 species out of the
12 species were crabs + some other odd
+ ends including a few amphipods. There
was a small Ecuadorian boat with a
German Capt. fishing for grockers. They
had heard nothing of the deaths thing
just a couple of miles away from the
scene of the tragedy. The story they
told was that the Baynes + Philbrick
just faded out of sight. Swann first
told the hitmen that she + Philbrick
had left on an American yacht for
the north seas, but when asked
said he couldn't remember the name.

6. I pulled a deal in Guayaquil
On an Inca silver mine,
And before they found it was salted ground
I was safe in the Argentine.
- 7 I made short weight on the river Plate,
While running a freight there
And cracked a crib of a rich estate,
~~but~~ without even turning a hair.
- 8 But the thing that'll double her my soul,
There it flaps at Heaven's door,
Was peddling booze to the Santa Cruz,
And Winchester forty four.
- 9 Made unafraid by my friendly aid,
The drunken-crazed brutes came down
And left in a quivering blazing mass,
A flourishing border town.
- 10 I was next in charge of a smugglers ^{barge},
On the coast of Bucaros,
But she sank to hell off Cuzamell,
One night in a hurricane.
- 11 I got to shore on a broken oar
On the fifth shivering dark
With the other two of the good ship's crew
Converted into sharks.

but that she had left him everything. ^{the}
stuff he started to sell off part to bottles
part to the horsegiars at Acad. Bay &
part to Ecuadorian as chatham &
Albenarle mean while party a notice
offering 500000 (Ecuadorian dollars)
(total \$50000) to any one taking him over
to the main land Guayaquil) One of
the horsegiars turned up for Acad
Bay to take him off and that the
fellow found with him for one of the
in Sorens. On far as the reports then
the belief in the idea that Sorens finally
turned on the Barones & Philpott and
did away with both, + with the horsegiars
first went out here to marchen to fix
to get a cargo before going to Guayaquil
to make the voyage more with while
up here small happened to the
fish boat had been with gas etc





6. I pulled a deal in Guayaquil
On an Inca silver mine,
And before they found it was salted ground
I was safe in the Argentine.
- 7 I made short weights at the river Plate,
While running a freight there
And cracked a crib of a rich estate,
~~but~~ without even turning a hair.
- 8 But the thing that'll double her my soul,
Then it flaps at heaven's doors,
Was peddling booze to the Santa Cruz,
And Winchester forty fours.
- 9 Made unafraid by my friendly aid,
The drunken-crazed brutes came down
And left in a quivering blazing mass,
A flourishing border town.
- 10 I was next in charge of a smugglers ^{large} barge,
On the coast of Bucaros,
But she sank to hell off Cuzameltli,
One night in a hurricane.
- 11 I got to shore on a broken oar
On the fifty shining dark
With the other two of the good ship's crew
Converted into sharks.

And that she had left him everything. ^{The}
stuff he started to sell off part to his
part to the Norwegians at Acad. Bay &
part to Ecuadorian as Chatham &
Allen made mean while party a notice
offering 500 acres (Ecuadorian dollars)
(total \$5000) to any one taking him over
to the main land Guayaquil. One of
the Norwegians turned up for Acad
Bay to take him off and that the
fellow found with him for one of the
in Sorensen. As far as the reports then
the belief in the idea that Sorensen finally
turned on the Barnes & O'Brien and
did away with both, + with the Norwegi-
ans went up here to march on to fix
to get a cargo before going to Guayaquil
to make the voyage more with while
up here something happened to the
fish boat had been shot at & was lost

- 12 From a limestone cliff I flagged a shift,
With a salt-soaked pair of pants,
And worked my way, for I couldn't pay,
On a freight to New Orleans.
- 13 It's a kind of a habit the tropics,
And it gets you worse than rum.
You go away and say you'll stay,
But it calls and back you come.
- 14 Six short months went by,
Before I was back on the job,
Running a par in Salvador,
With a black faced barefoot mob.
- 15 I was General Santiago Bicks,
At the head of a great revolt,
And my only friend from start to end,
Was a publishing Army "Colt."
- 16 I might have been President now,
And a prosperous man of means,
But a gun boat came and blocked my game
With a hundred and ten marines.
- 17 So I woke from my dream dead broke
Then drifted from bad to worse,
And says as low as a man can go,
Who walks with an empty purse
purse

effusion is what not + that of the crew, which
had another Norwegian + 3 or 4 Canadian
was wiped out with the vessel. At least
no trace of them exists. + the people at
Acad. Bay (indeed, I suppose) knowing
nothing else than that the boat was
down though they drowned perhaps.
Only Sneg + the one man in a little
skiff without ours got into the beach
with just a few odds + ends. Sneg
with camera, papers, + letters, the
other with a few papers perhaps quietly
else. Both were lying high up on the range
in the hot sun + myrmomified by the
desert conditions in the low lands of
all islands, completely dehydrated the
doctor said, + dead of thirst! We feel
the accident (if any) happened some distance
away + that a drift in the open boat
with no food water or arms for long
the first land they made + that the

- 18 On a fine flea-bitten cot,
I lay down with the yellow-jacks,
Asleep in the bush and all but dead,
She found me and nuzzled me back.
- 19 She came like a miracle man of old
And opened my bad blind eyes
And upon me shone a clear new dawn
As I turned my heart to the skies.
20. There was pride and grace
On her fair young face,
Her hair was the bloom of kings.
On her eyes flashed the glories of ^{gone} empires
And the secrets of world old things.
- 21 We were spliced in a Yankee meeting house
On the land of Uncle Sam,
And I drew my pay from the U.S.A.
I'm I worked for the Gator Ham.
- 22 Mind you, I took no credit
For coming back to my own
Though I walked again with honest men,
I couldn't have done it alone.
23. Then the devil sent his right man,
I might have suspected he would.
And took her life with a long thin knife,
Because he was straight and good.

just crawled up to die. Marchena is one
of the most barren of all the islands. Has
no towers at least none were ever
found. It is supposed to come to the highest
peak 800 feet does not reach up
high enough to intersect sufficient
moisture to maintain them. At the
a thousand or more feet elevation, at
least on the higher side the towers are
found. The poor devil Smering
murderer got what he deserved but
the Norwegian was the best of the lot
at Agash Bay. + left there a
wife who had come all the way from
Norway to marry him last year or
shortly before + ~~she~~ was carrying a child
when we were there last year. Such
in life.

Written in great haste
before breakfast + before going and
dredging this a.m. Dec. 3. 7.45
a.m.

- 24 With its madd'ed life, bones and hide
 And all but the primitive will
 To bound him down on his bloodred trail
 And find him and kill ed ^{kill} ^{cut}.
- 25 I found Logwood swamp & chile camps
 I hunted him many a moon
 They found my man in a long bit-pan
 At the edge of a blue lagoon.
- 26 The chase was ^{over} ~~at~~ at the further shore,
 It ended a long years quest.
 I left him there Dilly an empty stare,
 And a John crow on his breast.
- 27 You see those punctures on my arm?
 You'd like to know what they mean?
 They were left by the fingers left
 Of my trained nurse Miss Morphine.
- 28 Perhaps you think that worse than drink.
 It's possible too you're right.
 But fear it comes and drives away
 The things that store in the night.
- 29 There's a homestead in the Old Marston town
 With Silas around the gate
 And mother whispers "It might have been"
 But the truth has come too late.

Dec. 4 This a.m. beginning 5 a.m. we are
 headed Butterworth before making the
 stop we want in the Galapagos. I got
 up yesterday morning at the scene of
 the tragedy. A more lifeless scene could
 not be imagined. One was lying behind
 a crude home-made little plank under
 the upturned boat, with his head on a pile
 of clothes, the Norwegian, with only a jacket
 on, the other Soren, undressed on
 his side right in the hot coarse black
 lava sand, fully clothed with pants
 the folks here insist were the Barons,
 blue denim shorts (long ones cut off) & with
 the hem fastened with a stitch ^{like} ^{like} ^{like}
 all the way around a sort of embroidery
 stitch they say she used in the fair she
 had in when we last saw her. I
 don't remember noticing that. I ask
 the lifter. There are no mages-
 placards as people in Brand about
 but there is no telling till we can piece

- 30 They say they give me a month to live.
A month or a year, the same.
I haven't the heart to play my part
At the end of a losing game.
31. For whatever you play, whatever the way,
The stakes that are high or small
The claws of the trick will get you^{rich}
And the dealer gets it all.
- 32 You don't go down with a short hand full,
You give a shuffle along
And lighten your load of the moral
Till you can't tell the right for the wrong^{code}.

35
 348
 Together the stories they tell at Charles id
 (Cord. Bay. Some of the islanders know
 of this accident yet, as the call of the sea
 fish. But we met at Marchena. He
 had come four days before from Guayaquil
 and only knew of the disappearance of
 the Baronesa from the papers in Suva.
 He's a German but I got very little
 chance to see him. One is certainly
 impressed with the notion of human
 life with a sigh like this. They were
 in our with the ship in a shore. A
 signal mast had been erected, for
 harbor folk, found with the beach there
 was another on the rocks further back,
 drift wood, with a broken coat of arms
 done by a small fire with the partial view
 of a bird, a little further back a dead sea
 lion partly cut up. One can go a mile
 perhaps without food but a week or ten
 days without water is the limit. I
 wonder how long they were away for

Adios to thee, Sa Guaira
by U.S. Consul Bird.

Adios to thee, Sa Guaira, city of the dark-eyed gente,
Sand of myriads of Calor, and of dulce jarniente;
Done of the sailing dandy, and of the all-glowing sea;
manana, gracias a Dios, I bid adieu to thee.

Farwell ye gloomy casaz, mejin dichos, prison cells.
Ye rancid crooked cypres, reeking with atrocious smells,
Ye dirty little coffee shops and filthy pulperias,
Stinking stables, dirty patios and fetid carcerias.

Where beggars ride on horseback like Spanish cavaliers,
And ragabonds perambulate like jolly gamboliers;
Where lubanderas wash your soap where the feel inclined
And waiters strut around with shirt tails out behind

Goodbye ye Satin greasers, on atento ^{servidor} servidor,
Que vayan bien, pues adios, my boat is on the shore;
Oh! dirty people, filthy house, despicable spot,
Departing I salute you in your dirtyness and rot.

Steaming and steaming with boiling perspiration
Seething and breathing with putrid respiration,
Sa Guaira, adios forever, tierra tan caliente,
Infernal clime of vicious rum and fiery
aguardiente.

Charles Id where the Norwegian picked
up Sorenz. Well now know for today
bet 12 and 1 pm we read Charles.
The Capt. + Sweet will go up to
Ritter the first call. When the next
day the rest of us will get on my
the bitterness will be my meat and
they speak only German, and they should
know more as they lived near the
Barracks yet they do tell Ritter every
thing. Dec 4 - 1934

We got into Black Beach Road
Charles Id about 4 p.m. due to
a jam in our automatic steering
gear, line and an attempt to fix
it by turning to the hand wheel.
Most of the night we (as above)
started up to the Ritters. The
we came in through the
house way in on the hillside flanked

a minor. as we knew we were spotted ³⁹
before we took it. The party also expected
Ritter down each morning, but as he
didn't show back again higher up the
trail finally at the Eastman on the path
they met Mrs. Ritter running down.

Ritter had died of a stroke on
the 21 of his given 2 days before we
sailed. Mrs. Wittmer had stayed
off and on with Mr. Ritter since
the death. He had been ill given 2
days before dying. Became unconscious
toward the end finally could not see
could then only write & became paralyzed
all over. Blood clot the 14 days.

This is all not for publication. I
get the story from Mrs. Wittmer.
The trouble on which I started
with the drought which lasted from
Jan 1 October 1933 to April 16, 1934.
Then it started to rain & the land

heavy rain fell till the 20th of April & for ²¹
 nearly four weeks on the island since called
 garras. garras but got short in
 the Barren spring & the crops did
 amount to much because of the dry
 spell, there were no oranges & what not,
 so not getting enough water & food
 they drove Sorey and I to come
 to the hillmen who gave us a place
 to eat & sleep. This was about
 the fourth of March. Six days later
 the Barren came to see me & called
 Sorey & had a talk with him &
 then after each afternoon he regularly
 went walking with her. That first
 day she came for him he apparently
 went down to her house with her.
 On the 28th of March Mrs. Hillman
 says the Barren in her usual
 gait came to the fence to say good
 bye.

and told Mrs. Lottman she was going away ⁴²
 this day or evening. Mrs. Lottman says ⁴³
 Sney was out at the time but when
 he returned two or three hours later he
 hurried out of the yard & down the
 road to Barner's house. He came
 back to supper. In the next 2-3
 weeks he slept at Barner's but came
 to Lottman for his meals, and then stayed
 five weeks at P. O. Bay looking for a
 ship to take him away, but coming
 up each Wednesday & Saturday for
 food supplies & water. His ship showed
 up 2 or 3 months before leaving.
 He moved back up the Kill. Barner
 on April 20, Thomas Howell Sr. of
 Miami, Florida, had seen signs
 Sney erected at P. O. Bay say he
 would take him away. ⁴⁴
 Sney refused, picked him up and took ⁴⁵

As far as Acad. Bay for ship place ²³/₄₅
 preferred to take R. 1 to Daltham. Ditch
 line other men were in the boat, but that
 there was drifted out Acad. Bay. &
 an Ecuadorian picked up for the further
 trip to Daltham. It was July 11th when
 they left. Charles ed. & July 12 when
 they arrived at Acad Bay where we
 now are (Dec. 7-34) and the very next
 day he was in a terrible hurry to get
 away even though the sea was dreadful
 high. Even offered extra money above
 the 500 acres he'd offered to get to
 Daltham in first place. Gave
 him papers with R. 1 and drag of
 some kind it is supposed, and about
 50 lb. Rutter, who brought some of
 the things the Barnes left behind
 and some money for Litterer who
 brought me others. Then the day

runs Putting out from Acad. Bay with
 horses running high they tried to make for
 Chatham, and two days later they were
 seen off Chatham, but not for all
 observed around though nothing was
 wrong at the time. They must have
 had motor failure. The horse was
 was known to be somewhat foolhardy. +
 ran around with righty boat, no sail
 + unreliable engine. There was a
 of wind + wave. I more especially the
 strong current. Because almost in
 touch with their goal they must have
 been helplessly drifting on the strong
 N.W. drift through + out beyond
 the Galapagos. In a vain attempt
 to reach the last land before being
 swept out to sea. The little boat
 the little boat I am & enquiring
 to his fate with large boat as little

drift they had could only hold her. Thus ^{the} 49⁵
made waterless marches where they
died without hope of getting away.

Dec. 5/ at Chula, all hands were taken
and sent to Rittley where some helped
her ^{fix} packing. & the rest of us went on
to Wittman's where I got most of the
above story. With stuff brought off by
Littner's pack train (emerged & met in
road on his horse) & spoiled it looks
and inside fashioned me up & bound
equally suited to its style.

Dec. 6. Mrs. Ritter was moved down
on the horses of Wittman. It must
have taken four loads, her baggage
each to get her down. She packed
the damndest junk together to take
back to Germany with her, even old
bedding, and a 1/3 full milk can
of milk, a cold smelly sugar mush
or boiled down sap, that she said she

said she made herself. (And maybe never
 used) some reason to take back. A
 lot she took will cost more in transpor-
 ation duties than the things new in
 Germany. but in the present state we
 can expect little else. With Lillian
 the morning of the sixth I went out to
 the wild orange grove, wonderful
 big trees, loaded with golden yellow
 fruit (lots of trees couple of feet in dia-
 meter) moist ground beneath the shade with
 insects & hard shells. The oranges
 were ~~as sweet~~ like Lillian says
 they are sweeter. Lillian I never tasted yet.
 I must have eaten a dozen, more than
 for the rest of the party. I feel like
 S.A. style as to cut off skin
 beneath hand, & then bite out of the
 juicy dripping pulp. The remainder, we
 do not know how wonderful the
 Salafagos can be unless we taste.

about mine on lands off the usual trade
 trails. It's a revelation to do so. Since
 the trees are a hundred years old & the
 very ones that I have seen. It would
 seem that an entire well made of some
 sort should be obtainable. & we are
 tempted to want to try. Mrs. Ritter can
 attend this evening for a trip to Georgetown
 where she will board a vessel ^{from} for home
 while we go further to the south.

Dec. 7th Sept Charles at 6 a.m.
 couple of hours later were in head of
 where we went ashore, to collect, with
 acquaintances of former years & get a
 couple of tortoise feet. only a few pounds
 were to be had, & I don't know if
 they can be exchanged for their present
 dirty condition but I shall try. Got
 some rubbish turning over rocks. heard
 what do we have in to but more

movie thriller stuff. I don't know all the 28
55
 details, yet had a small ^{24 July 1972} boat sail
 with ~~half dozen~~ ^{half dozen} aboard tried to make
 Acadian Bay head. Bay just as
 Sme, & the home in did. The wind
 failed them when they got out into
 the channel & the current carried
 them northward along the coast of
 Indefatigable when the first, or perhaps
 last chance they got, they cast anchor
 off coast off onto the Gordon Rocks.
 From this point they walked back to
 Acad. Bay for food & water, for the
 the other had carried little or none of
 either. Their shoes gave out & they
 finished the last stretch on bare feet.
 One might say a little more &
 they would have played the leading
 role in another tragedy. We went
 down there to Gordon Rocks & brought
 their boat back to Acad. Bay, in a

Marchen to Dutton. — mile
 Acad. By 5 —
 Acad. By 5 Gud. rocks —

try to suppose. That's the trouble with these 57
 some sail boats down here with the
 wind they are helpless for they are too heavy
 and clumsy to be managed with sails.
 Some have had motors installed but
 like the one who took Sweeney, they had
 old and most unreliable motors.
 The other Norwegians out of Acad
 Bay are going to try to get the bodies
 back to that place for burial. They do
 have an old sail boat no sails & a
 tiny little motor, but as they said they
 would not make the start for Marchen
 until they were able to get a sail for
 Guayaquil. Every one at Acad
 Bay is convinced Sweeney did away
 with the Barnes & Philthum & then tried
 to flee the country for he was in great haste
 to get away & to Chatham perhaps he could catch
 a boat to Guayaquil, they have more
 frequent service there.

Dec. 7. It is no good like of work ⁽³⁰⁾
 shore collecting, + then tangles + chods;
 in afternoon. Also got a few turtle
 feet but what was there was not really
 worth bother with. Still I got the
 hope I might be able to remove them
 for as rather large. But old houses +
 three dollars each. Also bought a box
 of stamps but didn't see much chance of
 getting them in envelopes to mail here.

Dec. 8. This a.m. we went down
 + towed back the boat for Garden Rocks.
 It is said to be the property of the Governor
 of Chatham. While the vessel was there
 then we did some hauling of tangles +
 dredge bet Garden Rocks + shore. +
 later after returning to head Bay ^{at about 10 a.m.} did
 more of the same there but at this latter
 place with but a different success.
 Dredging was poor but again after
 you was for improvement that
 Mr. Butler who was with us to Guayaquil
 getting along nicely with baggage aboard.

(31)
 61
 Also this morning we got Oratz, the first
 of the trip. Commence house a bit rainy, I
 am sure. They are mostly things at
 best, + none too sweet as that Butler
 Hunt is tending traps. Let me. He is a
 big tall chap of 22, most willing + likeable
 a nephew of the captain, + one of the
 nicest fellows on board. He has had lots
 of boils in past + is in touch for his health,
 but is working hard. Alf plays bass
 viol and so helps out the ensemble
 when they tackle the Revere number. For
 they after do for the last piece of the
 evening after an overture. As luck
 would have it, I didn't get my
 stamps cancelled here at Road Bay
 for the man could only stamp the letter
 on the back. I told me he couldn't do
 it on the front or stamp, and I
 could get that at Chatham, +
 that's what I'm going to try to do.

Dec. 8. Cont'd At 2 p.m. we started from
 Acad. Bay for Jaguar Cove, arriving
 there about 4³⁰ when I immediately went
 ashore with Bart to set traps & visit
 one of the crater lakes nearby. The
 first is separated by a low ridge &
 though it seems to have seepage commo-
 nity with the ocean must be quite
 saline for all the roots of the shrubs that
 grow are always impenetrable thicker
 (thorns and otherwise) around its shores.
 Instead of landing and going over the low
 place I tried going over the hill for the
 gully where Bart landed to set our
 the traps and almost didn't make
 it in the couple of hours we had for
 the job. The climb's descent into the crater
 wasn't enough but getting through the
 fringing thicker to the water, the many of
 these thorn bushes was about all I could do

Dec 10. Early this morning we started off ⁽³³⁾
 for the second or larger crater lake S. of
 Sugar Cove. It was a most phenomenal
 job. I carried the seine all the way on
 my back must have been a couple of
 miles of it over lava, through brush
 & what not. Got a good batch of
 fish for my pains. I am glad to say
 that small isopods, besides some algae
 water samples & salt deposits these have
 for Jimmy Thompson at Seattle. Fred
 who has been digging all morning. We returned
 from the lake by a shorter route but
 more reverse up & down hill work. We
 had to swing the seine along up hill
 with a couple of rope a swing and took
 at a time for it was then wet & too
 heavy to manage in our back going up
 hill. The water must be very salt as
 there were crusts of salt found about the
 shore line. There is a slight rise & fall

in the lake due to ocean seepage but in 674
 can't amount to much because of the great
 amount of salt deposition ~~which~~ ^{the} ~~the~~ ^{the}
 exchange of water with ocean comes through
 quick. Had expected to get back to day
 by 11 a.m. but it was nearer 12 ^{5/11} ~~5/11~~ ^{5/11} ~~5/11~~
 we got the anchor out for an evening at
 Allman's Pt. N. end of Id. CP6 01
 to be next day.

Dec 11 we left for James Bay where I
 wanted to visit another salt lake.
 same distance inland, just about
 two hours straight & brisk hiking. It
 has a real salt lake with large sheets
 of white salt at the surface & very little
 very salt water around the shore. Got
 some specimens of the little brine shrimp
 antenna out of the water too, some
 chambers of salt & of brine is about 6-10
 inches all the deeper the lake seemed when I
 was. On days gone by it was extremely

In all, there was a cable leading down
 and an old engine + hoist at the top. The
 way over for the most part was easy going
 quite sandy in places in other big
 flat smooth sheets of lava, just like
 a concrete road as smooth as even.
 This is also a trail the Harrier took
 + many after him. I shall be interested
 to see what Thompson makes out of
 the samples I got, for it was ^{the} ~~very~~ ^{big} ~~hard~~ ^{very} ~~hard~~ to get them. ^{the} ~~only~~ ^{big} ~~like~~ ^{big} ~~of~~ ^{big} ~~I didn't see~~ ^{big} ~~the~~ ^{big} ~~year is the~~
 one on Jones Id., which is just as
 well. The crevice in which it nestles
 is terribly steep-sided, & when I was
 there before I didn't see ~~how~~ ^{how} it was
 possible to get down. Though George
 Banning did the day before I saw it. We
 had planned to be back about 4:00 pm
 but it was 2:20 before we gave them a chance

30 hoist the anchor for Salina Bay ^{Dec. 11} 71³⁶
 pretty place we saw briefly last year.
 Here we found the fish traps for Guaymas
 that we met at Mazatlan. Also met
 American by name of Shont, Box 21
 Brunswick Me. travels with his wife
 on a small ship "Igdrasil" built in
 Georgia, when he attended the Ga. Soc.
 Here collecting here was best of the
 trip. Fred went dredging again. &
 Bart Angell in his boat got four rats.
 Lakshas thought we shall have some
 good stuff in the time if they don't
 go bad on us. Got out & did
 collect. & dredging on Dec. 12. At
 3²⁰ up anchor for S. Salina just
 little less than 2 hrs away. It is
 here I want a set of Igdrasil for
 a Mus. group.

Dec. 15 at 10 min to 12 noon anchored near
 Wreck Bay Chatham all hands after the
 Mrs. Rittle reported death of her husband
 & we made arrangements for visiting to large
 lake inland all day trip by horse
 back. We're taking some on horse to
 see what we can get in way of fish &
 I hope shrimp. Brother will get pretty
 one too for I have been a horse for
 some years past.

Dec 16. We went ashore at about
 8 a.m. at Wreck Bay where the horses
 were expected for the trip up to the town
 formerly called Progreso (now San
 Cristobal) and the lake beyond. The
 roads (2) are such that you can't
 make much speed. A fast walk most
 of the way is what we did. Even so I
 feel it in my muscles. As happened

before the Captain wanted to go up, ⁽⁷⁷⁾
 horses were not there at the appointed time as
 except for the large square left below in
 charge of Carl, who should follow if the
 horses came later we started to walk
 on horses took up horses. When we'd
 gotten about a third of the way along
 they showed up so we mounted promptly
 and started up. Just about the time
 we got to town the heavy drizzling mist
 called garmias started and we started
 to get wet. There's no telling when
 they'll come or how long they'll last well
 the same whistles cut in our time we
 were soaked through to the skin. They
 act just like the driving snow storms
 we have at home and the fine droplets
 of water drive so hard you feel them &
 the horses turn their heads to meet the force
 of the wind. From the turn to the lake I

wanted to examine for fish, & shrimp in
 two hours more. But for the guide we
 could not have found it & when we did
 for the dipping rain we could not see more
 than a hundred yards of it at a time
 in spite of that we hauled the 200 foot
 line twice just got bottom, much
 and no fish or crustaceans, a few insects
 however. On shore in shelter of a rock
 I got a few amphipods earthworms
 and mollusks. I would like another
 try at the lake on a bright sunny
 day as they tell me we can have
 any day of the week but didn't the
 one we were here. One should go up
 with a small tent and stay over night,
 and a small portable boat for getting
 around. Chatham in light is as wet
 as the Tall Islands & the rogy grass
 reminded me of nothing as much as
 the islands & the trip I took over

on any occasion while down there. On the 41st of
 Oct. Chatter muzzes & ferns galore, a thick
 mat of them everywhere & plenty of grass
 too. It was a relief to go out for a few
 things in the lee of a large boulder. I
 disappointed in not finding any large life in
 the lake & shall try again, and the next
 if I ever get the chance, & take a row
 along as well. The houses at San
 Cristobal thatch affairs of considerable
 size but right down on the ground
 rather low lying in places. were felt
 looking in the sphere, no wonder the
 folks there have amoebic dysentery
 epidemic at times, a ragged lot
 of natives, all undersized looking not
 a large man in the lot. You can
 imagine the pleasure we had in
 meeting Manuel A. Coto, the son of
 the Coto Agassiz friend. Though

depression, or aftermath of the war the ⁹²83
 lost their possession of the island, all but
 for a rather small plantation & was
 rather poor though they have one of the most
 pretentious houses on the place, all up
 stairs & quite comfortable & airy.
 Here we met an Englishman, resident
 in Philadelphia & Miami, and now here
 in Chatham as a roamer at Coler
 for the past six months. Sailed for
 the yacht Arcadia and of him
 and doesn't know how long he will
 stay. Said he was here back in 94 or
 96 (about 40 years ago) and now back
 again for the first time. His chief interest
 is sport fishing. Signed his name in
 the ship's guest register as
 J. M. Mills at Miami
 to get a line on him. He was following
 him as an old friend.

On Monday Dec. 17. we moved over to ⁴³85
 Id, especially to get certain stuff.
 Fred, to see the albatross ~~colony~~ ^{colony} shore
 and what not. I spent the whole
 day aboard except for ^{three} ~~four~~ hauls with
 trawlers (a number of hauls reduced to
 three stations) Fred & John went shore
 with. & Carl brought me some and
 that took me till 12 p.m. to go over &
 clean up. The next forenoon Dec.
 18th worked aboard all morning.
 In afternoon went to the albatross colony
 for some pictures, got a couple of their
 large eggs, I'd added a rotten
 wharf a stick to clean. I wondered
 if the museum wanted a bird but
 the word was no Galapagos bird
 wanted could have gotten both
 juvenile & adult plumage. Saw

The Indians love dance they indulge
 in, for it is their the Eskimos are
 as renowned for as their dancing
 spread. Male & female in alternate
 dance one about the other with a dance
 in gait as it were at intervals
 of ~~the~~ to snort their beaks ^{like} in one
 the others, a sort of kissing one might
 well say. at times one would in-
 dance while the other dance round about
 him. This is the first time we
 have seen them here in numbers
 29 adults & a number of young
 As Mr. Smith did not go along
 we will stay over, I suppose either
 he can photograph the dance, while
 Fred & I go home with the
 before my pictures have not well, but the ^{major}

(89)

Dec. 19. Mr. Sweet spent most of
the day at the albatross rookery. Found
there were more than the 29 birds we
expected, ^{more} some than 40 young, & of
other bird too, gulls, boobies, & frigate
birds. However before lunch, few birds
were on ground presumably away feeding
nor did the albatrosses dig as usual
late in afternoon, perhaps they are now
as inactive as their posture so late
in the season. Early this a.m. before
breakfast we went there collecting goshawks
at 5 a.m. Late after lunch Fred was
dredging for the starfish he wanted & got
them. One of a large common species
he got here last year (Dinner dredging)
Dec. 20. Got under way at 8 a.m. for
Guayaquil, & about 7 hours later in
60 fms + 150 fms. made good by
bottom sampler for him. Collected
as latter depth discovered good due to light bottom.

These have been hectic days 2. The ⁹¹ few sheets cover our arrival in Guayaquil
trip to Quito & Llanos.

We anchored off Puna at 12³⁸
about on the 29th of December and as
a rising tide got ashore and did
some collecting in fact got a great
lot of stuff including a lot of *Uro-*
gelias in a soft shale by rock also
being covered in places with mollusks
and isopods. got back aboard about
4 P.M. & before & after supper put up
specimens. While we were ashore a

group of men started to interfere with
the Captain. Everybody else went too
to do the town. Said there was an old
Inca well there of well fitted stones in
well curb which was the only source
of water supply on the island. John Garth
said he got pictures of people doing water
there. Early next morning we went up with
hats to San Cayetano.

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93

Dec 23 At 10³⁰ last night a couple of
 reporters of the local newspaper turned up
 as the Captain had turned in the night
 said they would have to try to see him
 when the Pilot came out at five a.m.
 I was still up that night putting away
 some specimens. The colder weather
 last year was a month earlier and
 coming up at high tide we did not
 seem so dangerously close to the ever-
 lasting mud banks (particularly at
 low tide). Got her about 20 mins after
 eight. The mail put proceeded
 forward took place. It was due to
 12 when I could get ashore to see John
 Reed on the dock, where he said he was
 waiting in a night house to be called in
 the a.m. with the mail. ~~He was~~
~~called at the house and~~ ~~he~~

95
 I took the the Kaffalongo, asked him
 to look over the place where he had the mill with
 well, business for years. After a while
 at all, + usual ~~uses~~ ^{uses} ~~crutches~~. He
 stayed around with him till near 3:00
 when the ^{we} gave was due to call on the
 secretary of the Province of Guayaquil
 (the director of education)
 and we came back to the ship with Allen
 in order to go ~~back~~ ^{to} with the Capt. at
 the time as he desired. They took us
 around on an auto ride to see the
 points of interest. Ever so many in
 improvements over 6 yrs ago and a
 new suburban development to the SW
 of the town in which they are still build-
 ing new streets and houses, the latter are
 a combination of Spanish and modern
 sets of streets paved, were more than
 10 years ago. Ecuador is one of the
 few if not only country in the world

without a managed currency. Of fact the ⁹⁷ gold reserve is about as good a better than any other 87% of notes outstanding as this just a few days back the thought of going back on the gold standard only hesitated to do so because they thought what business does a little nation like Ecuador have in making such a move when the big rich nations like the U.S. & others are still off gold. Things are really going well for most people down here & all seem to be getting along & no one is staring that we can see & hear.

Dr. Kraft is a well known & popular surgeon in Pasadena whose wife made him the vacation shop the dance opened. gets a big house to him. His wife is \$1000 to 2,500 per month but he has considerable large all day good house garden maid garden, cook, 2 nannies, 3 nurses (dinner is made).

to keep going so he tries to keep himself
can still afford to get away. His wife said
he needed the rest, was pretty tired
around the house. Was three nice
children older & younger boy & girl bet
older 14 younger maybe 6. (I don't
remember)

We went in to see John Reed
for a little & between later took
in the so-called general hospital, a free
place, larger & well laid out where
the poor get service for nothing, but the
funds are extremely limited and so
have to get along the best they can. The
local lottery is supposed to furnish the
necessary funds but there are never enough.
Kraft says when you realize that it
costs the hospital in care of out-
patients, nurses, etc. in Tallahassee
about \$5.50 each per day for charity
patients you can well see why things

and as they are. All the patients are in
 any clothes in the beds beggars as well
 as the better dressed. All may be that
 must as ^{being} washed in a after entry to
 the wards, venereal diseases, anorexia
 dysentery, black water fever, leprosy,
 & every imaginable disease in one
 large ward. All of the non-ferocious
 cases they are another. A group
 of Catholic sisters act as nurses
 but as ^{Dr. K} says the this ^{kind} to
 give them the dishes in order that as
 proper Protestant patients get the
 care they need (and in any case even a
 Catholic get little enough attention
 the place needs money & supplies badly
 but what can they do? but what
 looked in at the spent room is
 as ^{Dr. K} says to put a wash basin





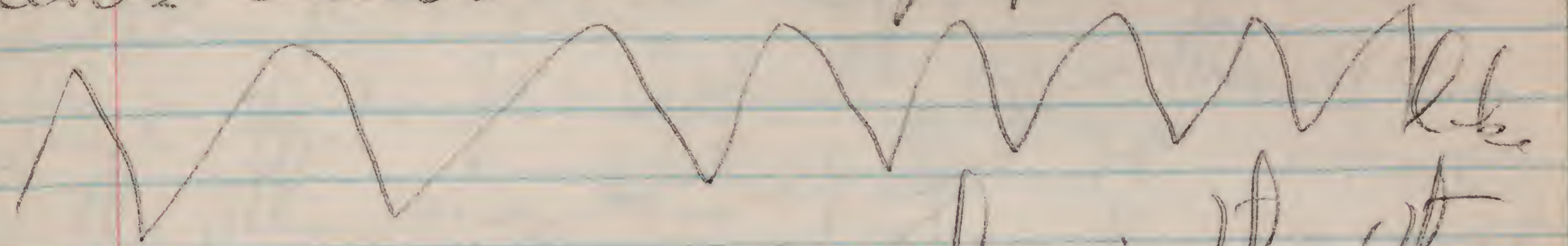
101
 one as the one. All the patients are in
 very clothes in the beds beggars as well
 in the better dressed. All may be that
 must as ^{being} washed in a after entry to
 the wards, venereal disease, anorexia
 dysentery, black water fever, leprosy,
 & every imaginable disease in one
 large ward. All of the more delicate
 cases they are in another. A group
 of catholic sisters act as nurses
 but as Reed says the this ~~house~~ to
 give them the dishes in order that as
 proper Protestant patients get the
 care they need (and in any case even a
 catholic get little enough attention)
 The place needs money & supplies badly
 but what can they do? but what
 looked in at the spent money in
 as Kraft says to put a wash and

(52)
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and we saw a minor operation. The
 way had to get on sterilized hand
 wash either. The gurney with foot operated
 for plenty. The surgeon for the
 minor operation had bare hands &
 the young woman had on her street clothes
 and high heeled shoes while lying on the
 operating table, husband or mother was
 holding her hand and sister or some
 young female relative close by. The
 young woman was rather hysterical. The
 operation was for cutting the phrenic
 nerve which runs up the neck about
 half an inch or so deep in flesh. I watched
 the raising & lowering of the diaphragm
 & the woman in question had intubation
 of one or the other (maybe both) lungs &
 they wanted to give lung a rest &
 to cut nerve. The patient was left
 lying for that was never to be forgotten.

Knif wound became it makes patient nervous
 we keep relatives out of operating room. I think
 they put sterilized clothes on face, shoulders
 + plump of neck they were not easy to touch +
 they they put in novocaine several
 hypodermics full + started the incision
 do keep dragging when are you going to begin
 + the young surgeon a most pleasant
 looking young fellow was well through
 the job before she asked a half dozen times
 if we had they can't have more + better
 operating facilities, but where's the money
 coming from. As walking by the
 beds + seeing the charts in which the
 fires is plotted, before ever we got to
 the operating room the doctor said
 these fellows all suffer from cystitis
 I thought he meant other trouble
 like gonorrhea etc, but he meant
 infections, + told me later to expect it

see the condition of things we found. The ¹⁰⁷107
 devil's charts had a graph like this



some course saw showing that they
 were fighting an infection of some sort.
 At least the hospital gives the poor
 devils some sort of a fighting chance
 + I don't know it was full of patients.

Kraft said we didn't in the tent
 zone had a comparatively simple as
 any time of it because we did not
 have any many complications running
 on in us. ~~As it was we had to~~

~~running back to the ship for food as the~~
~~Governor of the prison.~~ Then we went to
 another H. of John Reed and was
 done to Bell after lunch who we
 finished with. Then called
 up his wife + we were there for lunch

Later going back to their store & the day
 shopping for 10¢ each Christmas presents
 which the 16¢ & I gently gave them
 to the other members of the table. Charles
 was not thinking of Christmas and
 I took the truck with me to supper but
 it worked out fine. The table was
 decorated with the small artificial
 trees & elect. lights. There was a large
 one in the music room, also lighted.

After supper we sat around in the music
 room when each had to sit in the middle
 of the floor & unwrap his or her package,
 amid the laughter of the others. John
 Garth was Santa Claus & made
 a good one though dreadfully thin. Sam
 Kelly got a hand baby doll (his wife
 & I know) & ~~that~~ he does all
 the development for Sweet's & the agency
 Johnson did last year. So John when
 he gave him the "baby" doll, said to Sam

Tilly, a first worker in a dark room. I got 156
 and everyone got three little things
 including the trunk of the + I bought. I got
 pair of hand cuffs, + a little jewel case
 that fired a cap when you opened it. I
 got Mrs. Helen Morgan a jack and
 Shirley Smith the most comfortable
 a lunch bucket and was down the line
 a few extra things for were kindly labelled
 for Allan + Marilyn Reed, who were
 kind enough. The Capt. got a photo
 book + a pair of embroidered shorts
 with hearts + flowers on them, in
 camouflage style. There was no
 music except a couple of songs to
 begin with. But a good time was
 had by all. They also gave the
 crew each a package in cargo order
 but we were not there to see the effect.
 It must have been just as much
 fun, maybe more.

Christmas day in the forenoon. H. & I went
 where. He printed trees. Reed at the
 printing house of his store. He had
 Christmas cards, to be addressed for
 list he had brought along. It was a
 nifty idea. My parcels for haven't time
 up yet. That the mail service // All
 the stores (most I should say) were for a
 P.O. box. Got my parcels ~~to the~~ date
 mailed & sent other necessary letters.
 and now we had to be back to have
 lunch on board ~~the~~ Capt. had tendered
 the Governor of the Province. After he
 departed H. & I went ashore & just
 walked about seeing the sights. All
 through the main street during Christmas
 week are tables of trinkets 10¢ the
 trays each with a large wheel of numbers
 to reveal U.S. summer resort gently
 wheel. You by number, if wheel stops
 in you get a cheap toy. Well
 the were well patronized & we also got a few

[illegible]

Oh yes they've had bad slides too. (117)
 one of the steep walled canyons. At one
 time a considerable part of a mountain side
 engulfed a town & while a rescue train
 was digging the out, the rest of the
 mountain moved down & engulfed the
 town. Over 200 people lost their lives.
 Had we been moved in this portion of
 gorge to opposite side. It was a real
 forgotten guide with 'stately mountain
 scenery. (Pete can tell you all about
 Rich Mountain. He's been up this way for
 you know) We got there at dark
 7 p.m. went to the hotel kind of the back
 to sleep till 4³⁰ a.m. when we had to
 arise & could have any because the
 trains started getting steam up at 4⁰⁰
 to get the coal supply started at 6. It
 was 2³⁰ when we got to hotel in
 Quilts for station. Then Rich Mountain

is mostly above 10,000 feet elevation a
 of it 11,000, Omita itself at 8,000, higher
 point about 11,800 feet and lay above
 the back level towers Chimnazo at
 21,000 feet, now covered by the snow and
 gray ^{of the} ~~it~~ was hidden by clouds. After
 return trip its most grand majestic
 peak was clear cut against the very
 sky. All along the upper level all
 the way to Omita you pass through a suc-
 cession of most fertile valleys, all
 cultivated as far as the eye can
 reach right up to the winter snow
 line of Chimnazo, so to speak. At
 times there was a land with a future
 the sierra (after the level of the
 valleys of Ecuador and the place.
 Eucalyptus trees are extensively
 planted for fire wood and lend the same
 picturesque to the landscape.

all directions that they do in California. 121

end of scenes & vistas were reminiscent of California, the red tiled roofs of the little huts too. Yet with the sheep & cattle and goats, & the cultivated patches of green garden land reaching away up in the mt sides, said Mr. Knott is all the world like Switzerland (He spent some time in study abroad). Now I know why the Indians & natives down here affect ~~to~~ wear the highest ^{orange} red & brown tunics they do, - just to artistically illumine the gorgeous landscapes, which however scarcely need any adornment at all.

Everything fits together so well in a picturesque, artistic, scenic way that words of description fail the average mortal like myself. One need see this country to see its beauty & I can recommend it to anyone.

Dr. Quint's first day had audience with ¹²³
 Minister of Education — Franklin Bell
 and then evening the picture was shown.
 Terrible a crowd getting in front door
 I had to do it to get John Reed in.
 Greeted in through a side door. Had to tell
 people that we had no lecture, and
 finally got through & got them to go. Then
 looked side door for inside to let them in.
 Next morning at 9 we had visit to President
 in his ^{private study} ~~study~~ a fine roomy public bldg.
 Both these men spoke apparently only
 Spanish as we had interpreters furnished
 by Government. Last day after lecture
 they threw a lunch at 12.30 to which we
 were all invited, but I could not go because
 I was in a private car with John
 Reed. Train left at 12. Rest of
 crowd took auto to Rivbank. The
 half way point where they rejoined us.

in the printe car for some of days trip
 to Guayaquil. At lunch they tell me
 the President (+ minute of education
 of the good & fluent English was a fine
 happy lunch for. The women played
 thirteen while the men attended the
 several functions(?) After Parade
 and dance we were taken in autos to a
 printe rich many more of chaco & a
 Ecuadorian archeological material &
 and interesting place. This man whose
 name I found elsewhere might now had
 about a fine printe library as good as
 any. We seen anywhere in S.A. in
 a special bldg and exceeded well
 looked after. On way back to hotel stopped
 a few moments to make goodbye to the
 Ambassador. Trip down a train
 as much enjoyed as we up. Saw
 the Chiriquito with its land wall
 against the river. This was seen before
 reaching Pichincha. Still to be seen again

again as usual. We took the 127
 and as much faster coming down hill. and
 Cayabamba, the white mts of the mountains
 cut to bring 4 of us to lunch as left the
 sweet, Dr. Kraft + I had nice lunch. o
 pleasant 2.5 min. but after which we
 took hand cars + continued down hill to
 town which laid over in town for
 30 min. in always for water etc. (Big
 roomy house of cane (split timber)
 furnished English style. Then we
 met Mr. Berg von Tunde now United
 Fruit Co. agent. Six years back he dis
 posed a number of farms getting my attention
 to the states. Then he was the graduate
 agent here. Sort of multiple occupation.
 It was good to get back in the evening
 and sleep with late arrival + early
 rising, holding back and food + water
 and caused a loss of 5-6 lbs weight
 could well have been almost doubled.

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 had a couple of pounds to go in 20 lbs. we accurate
 we have a pair of kitchen scales
 dining room by the store of the family, about
 1/2 an inch, then weights daily.

Sunday Dec. 30. This p.m. we gave
 the G. L. Fagan pictures and music before
 an audience invited by the Rotary Club of
 Grayville. In the room Reed, had
 a table set up and started to write up some of the
 material after visitors spilled the ink on the
 table.

He (Kurt) had planned a New Year
 Eve meal at Reed's house by hotel
 caterer would not serve it then it
 was moved to Ritz Hotel. Jim's group
 came out to help for cocktails, then to hotel
 for greater part of dinner, & finally to Reed's
 house for cake & fruit punch. It was a pretty
 evening with distinctive program &
 later on Reed's had a flash light and had just
 don't lose it. I've indicated number that

[illegible]

look girls too. All the girls appear in the
 full of as well as the other date after
 exhibit a ship. The school near
 down in a way that we had to eat.

her years. Eve here is celebrated by the
 burning of the "old man" at 12 midnight.

The old year is a stuffed straw dummy
 made of pieces of old bed sheets, covered
 with real clothes + carried around till the
 night time + burned, before the sunrise
 market in front of the church + fresh
 some of the clothes. It is said to be a

peculiarly Guayaquil custom. I guess
 like our Washington egg rolling but here.
 After the burning of the old man started
 it looked as though they averaged
 one to five, 2 or three blocks a way
 city street almost as far as you could
 see. Wearing regular clothes they were not
 much of any age. Life size or did not
 individually of they were burned making a dozen
 blaze.

very young day, the first of 1935. 135
 Ashurst mailed a couple of letters
 went to docks at 9 to meet an
 Ecuadorian singer, to visit a school
 with him & Mr. Kraft and I were acting
 as Captain's representatives in the call
 go, was expecting German crew to come
 off & take Lore with to a German bar
 that was taking her to Panama. The
 Ecuadorian expected ladies to go & I
 rushed back to ship & got Mrs. Talley
 and of head & Mrs. Groot, most
 everybody was sleeping off effect of
 last night. The school was a

privately supported day nursery & there
 a wealthy Ecuadorian had funded in
 about 1921 or before after having seen
 similar ones in Paris. It is a fine
 place. They take the children of working mothers
 at 3 mos & keep them days till 5 years
 old. Feed them & doctor them, & really make

better, cleaner, I could mean out of them. 1370

It is too bad they don't keep the poor boys
but maybe they expect them to go to the public
schools. The mothers can pay for it.

They found the children, check them over night.

And so the mothers who take their kids

home every night do not make all the

work. ^{and} The home does during the day.

There is an annual prize given by the

home to the mother who does best by her

child, in carrying out the home's ideas

+ practice. I never saw a brighter

livelier bunch of youngsters, but in a

heavily grown group of dance marlers

as the kids do back home at a school

Christmas party, also some grand ex-
+ the oldest in five years + the younger

in the lot was 1 1/2 years, believe it or

not. They also bring sick, weak

children up to home with speed.

feeding. They had one little tube, a pitiful
 right to helpd just skin + bones; it was
 mother had given it up as hopeless + had really
 left it with the home. But they expected to
 have it well + normal in due course +
 showed us a pretty youngste running around
 on its front feet that was even more
 shape than this one in the cage. Each
 baby gets a wash + then clothes washed
 + sleeps in a nice iron crat with clean
 covers. In afternoon where there were a
 lot of tiny little ones crawling about
 it was a little messy as they had apparently
 not all been yet trained. Otherwise
 the place is nice + ^{fresh scrubbed floors} + damaged for the most
 part well screened. The lady super-
 intendent was a older woman very pleasant
 + intelligent looking, reminding me all
 the world of Miss Wieser, the Gerdy.
 nurse, artist up in Bunker's office.
 It was a treat to see this place + what
 they are doing for the poor unfortunates.

of Guyana girl. Had I already mentioned you
my children here, usually quite young ones
which more or less become your property. This
sort of home affects the bad habits of the
selling of children leaves you with. I believe
the practice is confined to causing heart
some of them for becoming public charges,
+ as churches for mother have many
children. In the afternoon at 3³⁰
a group of the Rotary Club members came
down to dock in auto to take us out
to their new nine hole golf course + club
house scarcely more than a year old,
a nice pleasant place where they served
us tea + cake, after which we had to hurry
back to Guyana girl for supper about 7 o'clock
~~canceled~~ off agreed to give at All
Reed's further church. He left after
his age but John + Allen were to
stay to the finish for its boys annual
New Year play in which the bright
Sunday school children give a robot

143
 fly. This year the struggles of the different
 members of a poor Scandinavian family are
 being completed & going church quite
 fully worked out and illustrated in a
 rather embellished by appropriate religious
 songs or hymns at every turn.
 All had program & pictures of groups
 in allan pond, & at country club in
 regular registered mail.

Wednesday 2. Orders were to be
 aboard at 10 prior to departure
 soon after. Went again to Grace
 Confront & Consulate but no further
 mail. Charts & literature said he
 sent, diary & envelopes (addressed) did
 not reach me nor did silver spoon
 given, said he sent me. Such is life.
 Called on Wilhelm Hansen, German
 speaking & quadruped. I spent time with
 him & his chauffeur, took Mr.
 Kraft & myself to get a couple more

of the dollar purchases like I got last year. 1454
 I packed the wireless machine and 3 purchases
 make the single bed blankets. We had 2
 last year + it's one of the purchase sections for
 long time in. Well, we more give in
 the sections additional, + the extra funds
 will do for an auto note or any it
 need be. Took my last dollar
 just about.

Here Thursday Jan. 3, it's good
 + c.d. water 67°C. Humboldt current
 light overcast sky + quiet sea. Many
 patches of red water all afternoon, have
 picked some = microscopic plants
 peridiniums such as Herbert Graham
 is studying at Pacific Grove. In
 at 6³⁰ a.m. begin first station taking
 water samples + temperature for the day
 a partial section of the Humboldt
 current for a distance of 300 miles, as
 is not enough to span it, it extends
 so far.

Jan. 4

1475
 We made most of our recd. today
 in at 7. instead of 6.30 as the captain said
 we had plenty of time. The first several
 were hunched miles apart, the last
 20 miles from land, and the next to last
 50 miles. The third from last was
 made between 12 midnight & 1 a.m.
 and the last 2 at 5 and 9 a.m. respectively
 on Jan. 5.

Jan. 5 We got to Callao about noon
 and by the time port formalities had
 been completed, we got ashore about
 3 p.m. The place is the same except for
 new docks recently built and new street
 cars. We all walked about a bit & refused
 to stop for supper. After supper the Dr. thought
 we ought to go to Sima & so we did
 via street car after telling Taxis they
 wanted to much as 22 cts each, which
 was about 50%. After a lot of dicker
 we all finally took the street car &

149
 there is and behold us 30 cent
 about 8 Amer. for which you get ride to Lima
 and back 8 miles, and the strike which entitles
 you to the street car ride in Lima, such
 rides (bet. Callao & Lima is interurban.
 Certainly it is a good money's worth &
 speedy clean service. We worked
 around up there had a couple of drinks
 & headed back to the ship at about 11.30.
 Lima on Saturday night is dead as a
 doornail, most places closed except
 much dining anywhere. Sunday is the
 night, but that was our day for going
 right seeing with the Capt. and all
 day auto ride. & we saw about
 all there was to see even the empty hotel
 rising, which ordinarily is going full the
 each Sunday for the present has
 closed because of the international
 football matches bet. S. Amer. conf.
 being held this year in Lima. The

race, football I believe & it is of such ¹⁵¹
 great importance down here that the I no
 the hill rings. We also saw himself
 the long suburb I failed to get out here
 when I was in Simer before but it's well
 worth the visit. A fine luncheon was
 served us at the County Club, also a
 comparatively new establishment & very
 pleasantly appointed. The luncheon was
 the kindness of George Seavey the Grace
 passenger agent down here & whom
 I knew back in '26. Travelled down
 from Salway to ~~Simer~~ with him & his
 married son, his youngest & a third
 now expected. But it's not much
 of a country in which to raise kids. The
 other suffer from dysentery at times
 or now I don't recall in spite of boiled
 water & every thing cooked. It's a man
 how I got by with you. Think of it
 George is dumfied in the river &

there's only one & it's used for irrigation purposes
everything can get contaminated. This is
a dry country. There rains except that
they have intervals years apart & when
it does come it's calamity which
threatens to wash the high alluvial soil
(very rich) right out to sea. Other night
seeing trip were also planned, to the
Inca ruins not far from Lima, couple of
hours by auto, & a lunch at Chiriquia
a sunny suburb some miles beyond
Lima. At Lima no seldom has
real sunshine. There is always a
high fog like rain clouds over head
but nothing ever comes down except
very light mist at times; looks like
rain any minute most of the time.
However, it's a great place for flowers. They
seem to bloom the year around. / I spoke of
Boiled water. We were told not to take
water here if we did not particularly need
it, as we are going to continue our trip to Peru.

Jan. 7. Went ashore to pay calls, Embassy
 particularly to arrange for gun permit in
 case we should need to hunt shore fauna.
 Went up to Sima in street car and found
 Embassy had moved to his office, so had
 to take a taxi out & back, then left and
 tried to see Mr. Teller at the archaeological
 museum but found he had his office changed.
 I suppose with the change of administration.
 new president (or several since I was here
 last) and at his new address didn't
 find him either, so that was only the R.
 I was travelling around together and
 so looked over the museum with a guide
 also bought a few photos. Our sail
 counsel at least had to ship in afternoon.

Jan. 8 This day left ship light
 only to make 2 short train for Sima
 where we changed trains for the trip
 up toward Orya. Arrive as the
 Capt. arranged it we were only
 to make a one day trip of it instead
 of 2 so we only went as far as

a place called Rio Blanco, a little valley ¹⁵⁷
 up in the Andes 11,502 feet the station sign says
 The Quetzalcoatl quite took the edge off of the
 one even though the cracker was more com-
 table. Most interesting were the terraced
 garden patches run literally mile high
 up the mountain sides, and still remain-
 ing in the dry climate in the Inca hills
 and after much water for lack of water
 since that day. Now the Inca got
 their irrigation water that high is still
 a mystery, but get it up they must have
 had a device. The lower terraces are
 under cultivation and bearing crops, here
 modern man can get water for them at
 least. Most noticeable is the density
 of the population not an iota of the
 population on finds in the Sierra
 country of Ecuador. Indians go
 natives far and far between, and though
 no more dirty aged looking the picture
 and colorful patches of the Ecuadorians

natives. At Chorrera, the summer resort of
 those that can afford it & the weeks since
 natives came aboard with fresh water shrimp
 for sale, one of the large claved his offerings
 much larger than any I recall ever seeing in
 our collection. I thought the largest I
 could find, but I told they get much
 larger yet. Should I ever have more
 time here I'll offer a price for a good
 large one. It would have to be nearly
 a foot long, and ^{not} compare with the
 large *Wilhida jamaicensis*. At
 one of the stations the next one beyond I believe
 the name has escaped me & my rough notes,
 natives come aboard with the most
 beautiful bunches of flowering ^{at} ^{the} ^{side} of the
 (about 25) roses for finer than any I have
 ever shown it seemed whole big bunches of
 violets (all the flower bunches I saw along the
 range were a good 10-12 inches in diameter
 at the top & all ^{the} one price, also came
 natives all colors, some of the bunches

I guess I should call them mosses, were
 oriented, but each a heart to buy and ad-
 light to heart. The ship was loaded down
 with flowers on our return. Each of us
 must have bought us a more, you
 just had to buy. The witch looks ran
 higher here, & there were numerous tunnels
 at bridges. In many respects we
 all enjoyed the Quito trip the more per-
 haps because it was the first of Andean
 mountain scenery we had ever seen.
 We got mountain sickness at Rio
 Blanco on the way. But I managed to
 as I landed over to the river near
 the station & started turning over rocks
 to see what I could see. Then I promptly
 felt faint & giddy in the head & so
 went in & up. and stuck around with
 the rest until the day train came
 by half an hour later. The ^{highest} ~~east~~
 which did not attain is well over
 15,000 feet and so much higher at
 the Quito at 11,800.

What a surprise awaited us on return to the ship, when the capt. as is his habit invited to play a bit. His cells box was gone & a search did not develop it, also further Jensen's spare riding, a deck of cards, a box of poker chips, the captain ready for his cash trays, & the leather case of movie films. All taken sometime between 7 p.m. the night before & this evening. Something that had come up over the side while on deck watch was on the opposite side & gone in the music room down & taken almost every loose thing in sight except the books & chairs. We had to suffer the game again. Severe & as the sweet way ashore with the chief of police & the game detective & starboard. The things go in this way they will have to pay for their return.

Jan 9 still on the day affair
 my record, had to get there

gun permit which has to be ready today. (185)
 A retired Peruvian naval officer who wanted
 to take Humboldt current, & also to get
 the Peruvian weather Bureau to record.
 Wagner & Koff also the Humboldt current
 data we had. Wagner is Chilean born &
 has given a certificate with the name of the
 was educated in Germany. One has been
 the first real weather records for the country
 they were only started in 1929. Koff I
 have mentioned in one of my letters. He
 a Cal. Tech. grad, student working
 in cosmic rays in the southern hemisphere
 in mountains & deserts, makes Wagner
 place his headquarters, & also makes
 considerable use of the Pan American air
 planes, for all his observations. His
 planning is slightly out of his
 apparatus still higher in small
 balloons to one down with parachutes
 the balloon. I had lunch
 with him & learned he is a nat. D.C.

ready to think they still live there. Said ¹⁸⁵1867
 was the only feather of that name in the place.

Jan. 10, at last, with Capt. of Port
 permission we got down to dredging in
 Callan Bay. Made a number of hauls
 off San. Sme. & Id, but got nothing
 out of the ordinary. The scallops there
 were so plentiful ~~when~~ I was here before
 have been absent for nearly a year. We
 bring them to be a migratory species &
 they have moved to places unknown to
 me but the folks say for never so long a
 time though. Got back and found to
 meet Wagner & Kuffner I had with
 me. The Amer. Ambassador was also
 about to return the Capt. call. of
 yesterday. but he could not stay to
 lunch with Wagner & Kuff. They
 left shortly afterwards so we were able
 to get my entry done, yet not with-

as interrupt a German (Cunha 169⁸⁶
 to exact) a geophysicist he called himself.
 Said he had an electric indicating device
 where with he could locate gold, and the gold
 and not only that, tell the nature of the
 metal. Said he had successfully used it
 in locating some of the Inca stuff. He
 wanted a trip to Cuzco. I told him I
 did not think it feasible that we were going
 further to the south & just would not return
 this way & besides Cuzco is not such
 a jungle that we could not walk around.
 And such a rigorous path was
 cut to the size of the island made
 gold hunt like that. In a people in a
 haystack for with his device he had to
 pass within a reasonable distance of the
 metal deposit or cache for his indicator
 to be effective. It would require being
 as good as he thought he should be able to

to locate a mine in a country as ¹⁸⁷187
 are deposits as fern beside picking up iron
 gold relics in the side. He really came as
 a most busy time because it was the
 day we were leaving at 3 p.m. when he came
 up, then after he was up aboard, the
 eleventh instead of the 10th he followed
 me ashore. I had to cut him short but
 we had to get done with mail & a few
 other things. He's an Austrian physicist.
 in Lima, has bought himself a house there.
 On the morning of the eleventh we went
 dredging again & tried the outside of
 the island but found only mud & no
 producing mud at that; got a few better
 things when we moved back in the inner
 and dredged in front of the fence
 along maintained as I thought I'd
 just the south of San Francisco where he has
 been located.

Jan. 12, found us anchored in the bay (8173)
 Independencia Bay. The Cushman
 did as well as his trip down here. We
 anchored on the east, lee side of Vigga
 Id., which really forms the bay. In the
 this body of water would be no more than
 a shallow lagoon. We were chugging
 for 9-11.30 while the others were
 way down the bay on Santa Rosa Id.
 one of the Japanese gunboats in the island
 of Peru. They came back with most
 glowing accounts of the teeming masses
 of bird life found there.

Jan. 13, we went shore collecting among
 the huge boulders forming most of the beach
 near our anchorage. The first place
 or far where the Paralland crabs were
 to be found I might say in countless
 numbers and of a kind that did not
 shed a claw the instant you touched
 them. They said it's the first place

he really enjoyed collecting them. Logg. 1175⁸
 few small birds, but I must have two
 quarts of prunellids along. Of the large
 birds, mostly, write about we got
 many a one, though our traps did yield
 a lot of big Cancers. I forgot to mention
 that while we were out the day we
 passed a beach with a lot of penguin
 The boys Ray Ellist and Bob Hunt
 who were along had to jump we had
 swim when I catch that. We can't
 land with the dudge boat with a
 fish line we had aboard fastened to
 their legs we towed the penguins and
 got aboard the dudge boat. The boys
 being near the end of the king back
 to us. Now we have six of these
 interesting birds aboard in a large
 cage & they seem to be doing well
 and are taking kindly now to the
 feeding. These penguins climb

up the hillside, and dig burrows for shelter ¹⁷⁷₁₇₉₀
 run back 3-4 feet into the soft soil. One
 of the two we first caught had to be dug
 out with the boat hook. Nearly none
 of these birds we got any pictures of the
 as they were very hard to approach. We
 went dredging again in the afternoon in
 the center of the bay. But got mostly mud
 and a quite shell bottom, few shells
 continued, and a number of little crustaceans
 You may find this bulletin. It was
 about this time I believe we discovered
 that Eleanor Mager had the malaria.
 Helen Mager is daughter of a Christian
 Scientist I hear. + the two of the were
 together with her spells of fever.
 I thought treatment along, the admission
 then trouble to the H. before the ship left
 Call as long as no particulars (sympoms)
 has taken of it because it would have

meant a forty days quarantine and ¹⁷⁹
 was our ship's paper Walter. O.K. before it
 was noticed she had something wrong that C.S.
 could do something with. She believes she was
 bitten by a mosquito at Puna. Way back
 in Ecuador. She was in a bad way when
 the first doctor held her vomiting and could
 keep pills or food down. So he had give
 an injection in the hip muscle. That
 at Callao or a little before a few
 days ago feeling quite well she came to
 the supper table but had to leave because
 of faintness before the meal was over.
 Yesterday she was running a slight fever
 again + is just over today. She is
 a bit disappointed at the result
 because as it seems she will have to
 be well enough to pass medical inspec-
 tion at Callao otherwise we are
 due for the quarantine we have shipped.

as far. This is a note I should have
 run in on the Jan. 10 a cleve it sheet.
 The stolen goods came back but the
 chief of police had to buy the back as
 he said for \$100. The joke of it is
 we got more back than we lost 2
 violins instead of one, and to our surprise
 the long white braided line used
 for a log line came back too. It
 hadn't been missed for in fact it
 is hauled in and hanging in a coil in
 the after main deck rail. The cellar
 box alone was worth \$400, my best friend
 bought 2 yrs ago, the violin & flute
 given in his spare time was worth \$150
 and the \$100 was a cheap freight
 pay for the return of the goods. One thing that
 was called, the first & best of the instrument.

But the first ^{of all} 1/2 of the films disintegrated (183)
 the remainder of all. Well everything
 got back safely, as I said properly we
 got. I have heard yet whether the re-
 turned the surplus or not. All ask when
 go below if I think of it.

Jan. 14 This morning we went on
 shore collecting on the east side of the bay
 near a black cliff at the south end of
 a long Playa (sand beach) but got
 little else than we found on the west side
 of the bay on the shore of Vieja Id., I did
 get two *Bachylebes* (same species) that
 did not appear in my collections on the
 west side. Had to leave the shore at
 five a.m. this morning & yesterday is not
 on the last tide in time. In
 the afternoon we went dredging off
 the far shore (east side) by the beach
 & entered we noticed in the morning with
 piles of seaweed & dead shells, with
 shells predominating.

The dredging got us a number of shells ¹⁸⁵
 but not as many as I had hoped. The things were good crustaceans and some shrimp
 good seaweeds + Rhizoids. While dredging
 we saw two flamingos walking along the
 playa. Murphy speaks of a colony of
 them at the Windy Bay I believe, which is
 the S.E. Corner of the Bay.

After we got
 back from our early shore collecting in the a.m.
 about breakfast time is a little later
 after we got our chance of getting down to
 Santa Rosa Id. + the mass + multitude
 of birds was all that had been claimed
 for us, literally thousands upon
 thousands in the nesting patches quite
 one right along side of the other though
 the birds themselves had scarcely
 room in which to turn about. Every
 bird that landed for a flight a feed
 was pecked at by all birds east

about till he gets his water. Glauay 1875
 of the pair guards nest & eggs & you
 while the other is off fishing. Should you
 I came off the remaining bird the other
 says from the feather, which seem to be
 a great prize in great demand. One
 of the common rights in the bird tugs
 at opposite ends of the same feather.
 After the feather of the deserted nest has
 been stolen away or fought over the eggs
 are hatched and the bystanders. All
 is a "birds" life here in the rookeries
 that they lead instead of the proverbial
 dogs life. The birds are all called
 cormorants (guanays they call them
 as far as the eye can see. Their main
 enemies are the condors, whose
 predatory tactics are supposed to
 be the cause of the birds being together
 in dense groups as they do. All
 bird islands have their caretakers

not, the birds for rice, this is the most ¹⁸⁹⁶
 the islands like ourselves do not need
 distinct a number of birds, and to show
 condors and any other predatory species
 that may come along. Guam is
 still taken and by the tons 56,000 a
 year is some such unbelievable figure
 It is only taken and in the more recent
 breed of rice some six months each year
 John Barth ever got permission to take
 some of the birds for bird skins. I
 could have done likewise by I don't
 think breeding wanted any marine
 birds. However the case taken to Santa
 Rosa a couple of years ago for guano's eggs
 but whether for ~~the~~ ^{one} nest or not I
 do not know. The bird island
 small a lot worse than you are
 away from the the other you are right
 with. And I find nothing offensive

except the fine grey dust that ^{almost} settles on everything & was inches deep everywhere. One of the most interesting sights is the almost endless stream of birds going out to fish in the air & returning about noon, then going off in the afternoon & coming back as dusk in considerable numbers, as have they been counted by some men to the 1000 or so many a square yard of birds. I am glad I saw Santa Rosa. King sees the Tortuga bird boys. I didn't think I needed to see these, but there is no comparison between them.

^{Jan 15}
 I did not get ashore here. The dredge is ¹⁹³⁸
 but did see the patches of birds for the ^{instead}
 ship. It was pretty rough & we could
 only dredge in the lee side (north) of middle
 chincha. We were anchored in the channel
 to N. of middle id. Did not find the
 mud bottom marked in the chart is all
 sand, barnacle encrusted ^{muffled} shells, while
 in the deeper part of the channel 24 fms.
 is a ^{coarse} gravel bottom, shell & rounded
 more or less, in all parts.

Jan. 16. Was a welcome respite a
 days run in which to catch up on our
~~later~~ change of schedule & what not.
 Head north for Solos de Agüera
 one of the Coker's collecting spots for
 crustacea. These islands are less
 remarkable as quarries, perhaps for
 birds, different birds as the pelican
 and the manatí, and also because of

accumulated a slight precipitation though
 does not accumulate as much as when
 as rich as the bird island further east
 Better than I can write, the story all
 all these foreign places we visited is
 given in Cushman Murphy's *The Bird
 Islands of Peru*. Get it from the library
 & read it, for the birds if not frozen
 at the office to it should be read. I
 read it some years back & enjoyed it
 though some of it again in this cruise.

I got about 5 or six different kinds
 of snail shells collected in the a.m. After
 lunch while tide was high dredging was
 usual. One of the natives telling us
 of an Spanish speaking crew member
 confessed he'd lived out here for
 15 years without a partner/female
 & share his bread & yucca. A couple
 of natives live here besides the crew. A few
 are engaged in fishing. A few others keep
 there.

Dr. Celso de Puerto
 Recibi en 2 cartas y agradezco
 mucho su amabilidad

El Dr. Chacoria me medio 2 quintales
 arroz y 1 de azúcar y así estoy
 fuera de apuros por este lado

Otro día mas porque el Velero
 sale en segunda

Saludos al Sr. Mayor Ayala
 y Sigula si el borracho negro
 que se llama Quimón le cuenta
 algo de no creer nada

Saludos y abrazos
 S. A. C. Küttler.

The Sibor C. J. was collecting in Jan. 1900
 It took us all of the 16th to get the

Jan 18 Underway most of the day. Made
 Salango Id at 4 p.m. Our day was
 was gained part of it given was to round
 up the monkeys all of which are in a cage
 cage. They got out of their sleeping confinement
 men's deer and deer. Some excitement the
 are the large black spider monkeys and
 about 2000 ringtoned. We are now
 one short of the latter as, as they did
 last year he made a leap into the sea
 when captured. It was a new one. Most
 of the others came to hand with much
 difficulty. At one time they were all
 in the main room running up and down
 horsecases, had hopping across the
 well from rail to rail. While in there
 Chico leaped into John Gault's lap. He
 petted it and called it to the cage with
 after decks to put him in when he
 on him and hit him in the hand. Later
 he came to hand most quietly and was
 returned to cage with all the rest.

made several dredge hauls before supper
 we anchored here for the night as we had to make
 Mantua, Ecuador where early the next m.
 in order to get things with post officials &
 get on a low tide about 9-10 a.m.

Jan 19th we almost missed the tide. It
 took a lot of time to pass
 the post officials though I think most of
 it was holding us all around how was
 to talk over every thing under the sun. The
 Mantua shore collecting was over. Each
 afternoon a strong wind from the S.W. got
 up & was pretty bad when we started our
 dredging & got worse before we could get
 back. We got pretty wet, dredge hung
 up once & I thought we'd never get back
 finally did & made it back to the ship.

Mantua is quite a place as Ecuador
 small towns go. It built on a hill with
 like Seattle though not so high. It is
 a great sheet against forest. It is
 a busy town, handles a lot of business
 for the rich high ranch and plantation
 country. The Grace boats stop here now.

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